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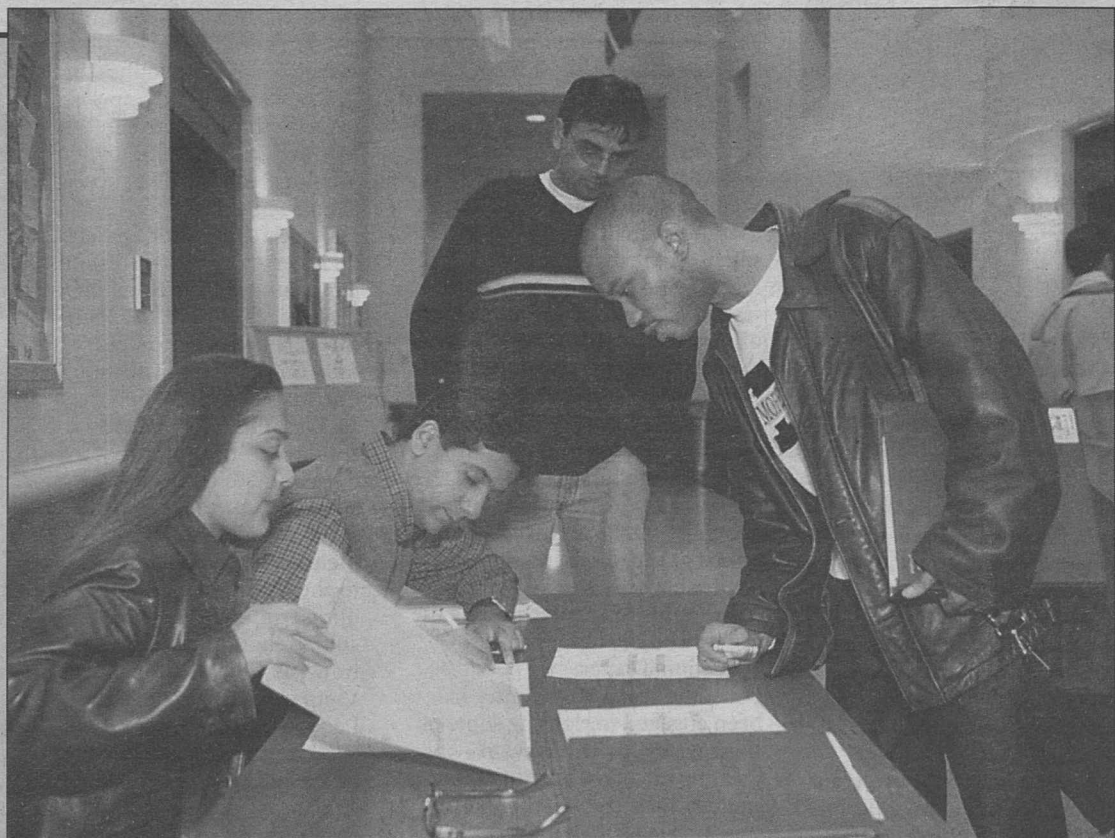
Record

Feb. 9, 2001

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Washington University in St. Louis



Helping Indian earthquake victims From left, Olin School of Business students Nisha Primlani, MBA '01; Amit Anand, MBA '01; and Deven Somaya, MBA '02, help the Olin Indian Club raise funds to aid victims of India's recent earthquake. Of the 21 Indian MBA students at the school, most have family or friends in the affected area. Donating toward the \$3,000 raised during the club's fund-raising drive Jan. 31 through Feb. 2 in Simon Hall is Ken Willis, MBA '02. The entire donation was sent directly to the Prime Minister's Relief Fund in India. Also conducting fund-raising drives are student groups Atma, a Hindu group; Ashoka, an Indian group; and MSA, a Muslim group. Fund-raising events include donation tables in Mallinckrodt Center; a dinner of Indian and Pakistani food from 6:30-9:30 p.m. today in the formal lounge of the Women's Building; and a Raas (a traditional Indian dance) for Relief from 7-10 p.m. Saturday in the Recreational Gym of the Athletic Complex.

MARY BURKUS

Community investment brings mutual benefit to neighborhoods, WU

By BETSY ROGERS

While the St. Louis region wrestles with downtown redevelopment, community improvement, containing suburban sprawl and other urban issues, some of the area's major institutions are quietly working at their own front steps to revitalize their neighborhoods. Washington University is prominent among them.

Both at the medical school and around Hilltop Campus, the University is committing substantial funds to upgrades in the housing it owns, street improvements, enhanced security, community facilities and other investments to make life in these areas more livable. Its investments, in turn, ripple out through the area in the form of construction wages, neighborhood improvement, reduced crime and rising property values.

It takes considerable juggling skill to keep all these efforts "in the air" along with numerous new construction projects and broad efforts to upgrade the University's treasured historic buildings.

But in the Skinker-DeBaliviere neighborhood north of Forest Park and in University City, the University has made substantial investments in a variety of projects.

"The University made a decision to help provide economical housing for students," explained Richard A. Roloff, executive vice chancellor.

To this end, the University has recently purchased two more Skinker-DeBaliviere apartment buildings, providing four one-bedroom and 13 studio units for a

Revitalization, Acquisitions in Surrounding Areas

Second in a three-part series on the University's investments in campus and community infrastructure

Feb. 2 Maintaining and upgrading the University's buildings

This issue: The University's investments in surrounding neighborhoods

Feb. 16: New construction around campus

total of 45 in that area. Ongoing improvements address housing-code problems, mostly in the categories of fire escapes, porches, tuckpointing and roofs, and interior upgrades including new cabinets, bathroom fixtures, carpeting and more.

Investments are ongoing, according to George C. Burris, director of off-campus housing, who explained that projects are tackled according to a master plan that gives priority to the most critical needs.

In University City, just north of the thriving

Delmar Loop business district, the University has bought or is buying about 75 apartment buildings with everything from studios to three-bedroom apartments.

Extensive improvements are

See **Neighborhood**, Page 6

International students welcomed by campus programs

By NEIL SCHOENHERR

The University is the educational home to more than 1,100 international students from over 100 different nations. Many of these students come to St. Louis with very little firsthand knowledge of American customs and culture.

Fortunately, two campus programs have been established to make international students feel more comfortable and to help acclimate them to the St. Louis area.

The first, the Host Family Program, is a cultural exchange program between the University's international students and local families who are interested in developing friendships and furthering cross-cultural awareness.

"My host family experience has been wonderful. Dr. and Mrs. Rovainen are very nice people, and they helped us a lot in adjusting to the new environment."

SHENQUAN DUAN

The other, the Speak English With Us Program, connects community volunteers with international students for informal conversation and cultural exchange.

Both programs have existed in some form at the University for

nearly 30 years.

There are about 230 volunteer families involved at various levels with both programs, said Luisette Behmer, coordinator of the Host Family and Speak English With Us programs. Between 130 and 150 students apply each year to be involved in both programs, she said.

Host families range from single adults, to single parents, to families with and without children, to retirees. Host families do not provide living accommodations, but rather get together with their student about once a month for dinners, movies, trips to the theater, sporting events or sightseeing.

Each volunteer-student pair in the Speak English With Us

See **Students**, Page 6

Natural Ties bonds students, disabled children

By NEIL SCHOENHERR

A group of friends was sitting at a table in the bowling alley, discussing where to go next. Some people were eating pizza. Others just sat and talked.

It was a typical night on the town. But what makes this group of friends special is half of them have disabilities. The rest are University students. Together, they constitute a relatively new campus organization called Natural Ties.

Natural Ties is a national nonprofit organization that works to create and support friendships between people with and without disabilities. Its goal is that

through their friends, people with disabilities will become integral parts of community groups from which they may have been excluded.

Natural Ties is active on 14 college campuses throughout the country. Since it began, it has touched the lives of more than 50,000 people.

Ten to 12 University students and about 10 young people with disabilities are active in the organization. The entire group meets bi-weekly for fun activities like bowling, miniature golf, dinners, trips to museums and service projects.

Each student is then paired with a disabled friend for one-on-

one activities during the off-weeks.

Elaine Greenbaum, wife of Stuart I. Greenbaum, Ph.D., dean of the Olin School of Business, was instrumental in starting the Natural Ties chapter at the University. In 1995, the Greenbaums moved to St. Louis from Chicago where their son, Nate, was active in Natural Ties at Northwestern University.

"We thought it was such a wonderful program," Elaine Greenbaum said. "Nate really enjoyed it, and we thought it would be great if Washington University had something similar."

See **Natural Ties**, Page 2



Senior Sarah Johnson, co-coordinator of the Natural Ties program, hands out candy to the group as they prepare for a game of charades during a recent meeting.

DAN DONOVAN



Taking it to the Net Moderator Michael MacCambridge (center), adjunct instructor at University College, author of "The Franchise: A History of Sports Illustrated," and editor and contributing writer of "ESPN SportsCentury," leads (left to right) Royce Webb, editor, sportsjones.com; John Rawlings, editor, The Sporting News; Alexander Wolff, senior writer at Sports Illustrated; and John Walsh, executive editor at ESPN in a discussion about how the Internet has changed sports journalism. The event was sponsored by University College, The Career Center, the Office of Student Activities, the Department of Athletics and Student Life.

Democratization explored in Saturday Seminar Series

Beginning more than two centuries ago, the modern impulse toward democracy has been and remains a powerful engine for change in virtually all aspects of human life — spiritual, social and political — and in cultures and societies across the world.

Drawing upon expertise from several areas, the 20th annual Saturday Seminar Series examines some of the many effects of and issues raised by democratization

past and present.

Sponsored by the Master of Liberal Arts Program and University College in Arts & Sciences, the seminars explore a common theme from different perspectives and invite dialogue between audiences and speakers.

The following lectures, from 11 a.m.-12:30 p.m. in Goldfarb Auditorium, Room 162, McDonnell Hall, are free and open to the public.

• Saturday, "Cosmopolitanism,

Patriotism, and Democracy," Pauline Kleingeld, assistant professor of philosophy in Arts & Sciences.

• Feb. 17, "Truth, Justice, and Reconciliation in South Africa," James L. Gibson, Sidney W. Souers professor of government.

• Feb. 24, "Islam and Democracy," Ahmet Karamustafa, associate professor of history and religious studies, and director, religious studies program.

MBA students address Apple Computer in consulting competition

By NANCY BELT

When the chips, computer and otherwise, were down, nine teams of MBA students from the Olin School of Business came through with jazzy iMac computer colors in the fifth annual Management Consulting Case Competition Jan. 25-26 in Simon Hall.

At 5 p.m. Jan. 25, the 27 participating students were randomly assigned to teams of three and received the case. It focused on challenges Apple Computer faced in the late 90s, even after its successful introduction of the iMac in 1999, and that have remained to the present.

Students worked all night preparing their recommendations on what the company should be doing to succeed. Fifteen hours later — at 8 the next morning — before a panel of 12 judges, the students began making their "boardroom" presentations, including appropriate graphs,

charts, artwork and other written materials.

Judges were from Cap Gemini Ernst & Young, main sponsor of the event; McKinsey & Co., secondary sponsor; and Olin School faculty. They evaluated each team on its approach and on its ability to define the problem and provide analysis and cost-benefit considerations. The teams' presentations were also judged, in terms of tools used, team dynamics, and verbal and nonverbal skills.

Judges provided feedback to each team and chose four teams as finalists, who fine-tuned their presentations and prepared them for the final round at 3 p.m. Jan. 26.

"Students were trying to help Apple deal with an ongoing problem," said judge Erik Durbin, Ph.D., assistant professor of economics for the Olin School. "As a computer manufacturer, they're in an incredibly competitive field in which it's very hard to

make a profit, and the Macintosh operating system they produce is not compatible with the predominant platform.

That's why they have difficulty getting software programmers to write programs for Macintosh and they have trouble convincing consumers that the company will be around in 10 years."

Another judge, Dan Johnson, manager, consulting services, Cap Gemini Ernst & Young, said, "The winning team did a superb job of integrating the facts of the case, identifying the real problem and proposing an innovative solution."

The winning team recommended that Apple strategically reposition itself as the graphics/digital imaging leader across numerous products and not market itself simply as a counter-culture hardware company. The team provided a viable plan for the company to achieve short-term profitability and a long-term strategy for Apple to partner with emerging technology firms, especially in mobile commerce.

"One of our strengths was that our solution was radical," said Miranda Carroll Sanford, MBA '02, a member of the first-place team. "We didn't say, 'Just keep doing what you're doing, but do it better.'"

She and team members Justin Mehta, MBA '02, and Julie Wilhelm, MBA '02, each received \$600; second-prize winners received \$300 each; third-prize winners received \$150 each; and fourth-prize winners received \$100 each.

After winners were announced, a reception was held for participants, judges and alumni. The event, presented annually by the Olin School's Management Consulting Club, provides hands-on learning about what it takes to be a management consultant — invaluable experience for those planning a career in that field.

Affirmative action

University values, welcomes diversity

In this letter to the Washington University community, Chancellor Mark S. Wrighton affirms the University's commitment to equal opportunity and cultural diversity.

Washington University is committed to providing equal opportunity for all who come to work and study here. For more than 30 years, we have actively and energetically recruited minority students, faculty and staff, and we believe we are well on our way to creating a campus where many different ethnic groups come together to learn not only from our professors but also from each other.

In recent history, programs created for minorities have been challenged in various legislative bodies and courts, and those arguing against them have stated that individuals should be judged solely on their own merits regardless of family, economic status, race, ethnic group, religion or gender. Indeed, most Americans support this sentiment.

It is possible, however, to share this conviction and still believe that affirmative action programs are just and necessary. During the course of our country's past, many people by virtue of their race, ethnic group, disability status or gender have been excluded from many opportunities, including the opportunity to have the best educational experience possible. For some years, our country has been engaged in righting some of these wrongs with a view to creating a successful multiethnic, multiracial society that provides the same level of opportunities for all. In this effort, we as a country have made giant strides, but clearly we have not yet reached the goal.

As a private institution, Washington University has the advantage of being able to set its own goals. However, with this

freedom comes the responsibility to formulate and pursue priorities that are in the best interest of our country as a whole. It is with this in mind that Washington University energetically reaffirms its affirmative action policies and gives high priority to attracting talented, academically gifted students, faculty members and administrators of diverse backgrounds.

Every effort shall be made by our management team to ensure that all University programs, employment decisions and personnel actions are administered in conformance with the principles of equal opportunity. Just as we share the responsibility to strive for excellence in our teaching, research and patient care missions, each vice chancellor, dean, faculty member, director, manager, supervisor and staff member shares in the responsibility to support our equal opportunity objectives and to ensure that the affirmative action policy is fully implemented within our organization.

Washington University is committed to continuing the development of a campus environment that ensures every student, faculty member, staff member and applicant has access to the University without any form of discrimination based upon race, color, religion, sex, sexual orientation, disability, national origin, Vietnam era veteran status or age. I encourage each member of the Washington University community to join me in advancing an educational and employment environment in which each person is encouraged to contribute and develop to his or her fullest potential.

Mark S. Wrighton

Natural Ties

Students come together with disabled children

— from Page 1

Greenbaum convinced Northwestern's program leader to come here and help establish this chapter.

Jessica Weisbach, now a senior, was the first student to sign up and get involved.

"My freshmen year, Natural Ties had a booth set up at the Activities Fair," Weisbach said. "I had worked with disabled people in the past, so I went over to see what it was all about. I chatted with the director, who had come from Evanston, Ill. (Natural Ties headquarters), and I decided it sounded like a good thing."

Senior Sarah Johnson is one of the co-coordinators of Natural Ties. Johnson has a sister with Down syndrome and said she missed that interaction while at college.

"Working with Natural Ties

has definitely added a new dimension to my college experience," Johnson said. "Most of the people I regularly come into contact with are 18- to 21-year-old Washington University students. It's great to have other friendships as well."

During the weekend of Jan. 26, the Natural Ties group visited Chicago for the Natural Ties annual conference. Included was a "casino night" at Chicago's Union Station.

"We had a blast," Weisbach said. "It was fun to get dressed up, meet new people and network with other Natural Ties members."

While attendance is strong now, most of the active members are seniors, leaving doubt in some minds about the program's future.

"It's kind of scary," Weisbach said. "But I think if we can get the word out and people realize what a great program Natural Ties is, we will be all right."

For more information, contact Weisbach at 863-6480 or Johnson at 721-2479.

Dance marathon gets into swing Feb. 17

The University will host the second annual St. Louis Area Dance Marathon beginning at noon Feb. 17 in the Recreational Gym in the Athletic Complex. The money raised from this 12-hour event will help more than 400,000 children in the St. Louis community through the Children's Miracle Network (CMN).

Students collect pledges for participating in the marathon, and all money raised will benefit St. Louis Children's Hospital and Cardinal Glennon Children's Hospital equally.

Last year's event raised nearly \$30,000 for CMN, and this year's event is expected to be even bigger and better. The marathon will feature karaoke, live swing performances and instruction, line dancing and even a luau.

Games, raffles and live performances by student musical ensembles and professional dance troupes will keep participants interested and entertained. Generous sponsors will provide plenty of food for dancers.

In addition, students will have the opportunity to meet those they are helping. CMN children and their families will visit throughout the event to motivate dancers and remind them of the cause.

"I can't wait to spend time meeting and helping the kids," said Jennifer Gard, student marketing chair. "I'm excited to see how it all will come together and how different groups at Washington University can contribute their talents to help the community."

For more information, call 434-6880, or visit www.sladm.org.

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Washington University in St. Louis

Medical School Update

Welding, Parkinson's link suspected

By GILA RECKESS

School of Medicine researchers have identified the first clue that welding might trigger early onset of Parkinson's disease.

A research team led by neurologist Brad A. Racette, M.D., found that 15 professional welders developed typical clinical and neurological signs of the disease an average of 15 years earlier than the general population. The study is featured in the January issue of the journal *Neurology* with an accompanying editorial.

"This research doesn't prove that welding causes Parkinson's disease," said Racette, assistant professor of neurology. "But it's suspicious that the majority of these patients had a much younger age of onset. Our theory is that we have identified a group of people who probably would have developed the disease eventually, but something in the welding environment caused them to develop symptoms earlier."

Parkinson's disease is a progressive movement disorder that affects more than 1 million Americans. It is characterized by slowness of movement and tremors that affect one side of the body more than the other.

Scientists have therefore hypothesized that environmental factors are largely responsible. However, no such factors have been identified.

One clue, though, is that manganese miners are susceptible to a condition called manganism because they inhale large amounts of the mineral. The disease is classified as a Parkinson syn-

drome because it bears a resemblance to Parkinson's disease. But both the symptoms and brain pathology are significantly different.

Welding fumes also contain high levels of manganese. But when a young welder walked into Racette's office and said he was suffering from manganism, Racette knew something was fishy.

"Manganism is a very different disease," Racette said. "To me, this patient clearly looked as if he had Parkinson's."

"These results are really exciting because we may soon be able to identify the first environmental cause of Parkinson's."

BRAD RACETTE

He soon discovered lore that welding might lead to Parkinson's; material data safety sheets even list the disease as a possible hazard. But there is little scientific evidence to back up the idea.

Racette and colleagues therefore set out to determine whether welding is an environmental contributor to Parkinson's. They identified 15 professional welders among patients in the medical school's Movement Disorders Center. Then they compared the welders' medical history and clinical symptoms with those of control patients with Parkinson's.

They found no clinical differences between the welders and typical patients with

Parkinson's. The two groups had the same severity and frequency of symptoms and responded similarly to levodopa, a drug used to treat Parkinson's.

The only statistically significant difference was average age of onset: 45 for the welders, or 15 years younger than for the control group.

Racette and his colleagues also imaged the brains of two of the welding patients and 13 control patients. People with Parkinson's typically have lower levels of a neurotransmitter called dopamine in certain regions of their brain.

Using a technique called fluorodopa positron emission tomography (FDOPA PET), researchers determined how much dopamine the brain used. With that information, they assessed the extent of Parkinson-like deterioration. The FDOPA PET scans revealed no significant difference between the welding and control groups. Therefore, the welders appeared to have typical Parkinson's disease.

"These results are really exciting because we may soon be able to identify the first environmental cause of Parkinson's," Racette said. "Our first goal is to show that welding truly does cause this disease. Then we can figure out which aspect of welding is responsible."

This information, Racette argues, will help determine whether welders should take precautionary measures and also will help researchers begin to unlock the underlying cause of this debilitating disorder.



Hands-on learning Student Jeffrey Silvernail makes a dynamic hand splint for fellow student Bethany Benande in a skills lab in the Program in Occupational Therapy. The splints are used to help patients with nerve injuries open their fingers.

Break-and-entry strategy found in bacteria that cause disease

By GILA RECKESS

As bacteria become resistant to current antibiotics, scientists are searching for the root causes of infection in order to develop more effective treatments.

School of Medicine investigators have come one step closer to understanding how bacteria such as *Streptococcus* and *Staphylococcus* operate: These pathogens introduce their toxins by punching holes in the host-cell membrane.

The cover of the Jan. 12 issue of the journal *Cell* features the research.

Scientists have made great strides in understanding how Gram-negative bacteria, such as *Salmonella* and *E. coli*, infiltrate host cells and establish infection. However, a second class of bacteria called Gram-positive causes human diseases such as strep throat, necrotizing fasciitis, toxic shock syndrome and rheumatic fever.

"Gram-positive organisms are responsible for five of the top six bacterial infections that are now resistant to multiple antibiotics available today," said study leader Michael G. Caparon, Ph.D., associate professor of molecular microbiology.

The first authors of the study are M.D./Ph.D. student John C. Madden and Natividad Ruiz, Ph.D., now at Princeton University.

Gram-negative bacteria inject previously healthy cells with toxins that disrupt essential processes. Several laboratories have visualized needle-like projections from these bacteria into host cells. Presumably, the projections serve as syringes.

Caparon and colleagues discovered that Gram-positive bacteria use an equivalent technique.

Most Gram-positive pathogens contain proteins called cholesterol-dependent cytolysins (CDC). Because these molecules have persisted throughout the evolution of this diverse group, they might play a critical role in infection, the researchers surmised.

Studying the molecular basis of infection has been difficult in the past. But thanks to improved techniques, Caparon's group was able to manipulate the bacteria genetically. The researchers made defined mutants of *Streptococcus pyogenes*, the Gram-positive, flesh-eating bacterium that also causes strep throat and impetigo. By studying the consequences of the genetic defects, they uncovered specific points in the infection pathway.

S. pyogenes contains a CDC called streptolysin O (SLO). The researchers found that this protein chips away at the outer membranes of targeted cells, creating large holes or pores. SLO does not enter cells, however. Instead, a protein called *S. pyogenes* NAD-glycohydrolase (SPN) gets into cells after SLO has done its work.

"SLO appears to pave the way for the entry of SPN, which is useless outside cells," Caparon said. "Once inside, SPN manipulates certain cellular processes."

His group hopes to determine how SPN affects host cells. Once scientists learn exactly how Gram-positive bacteria cause disease, they can step back and see where they can intervene.



Caparon: Molecular microbiologist

Compassionate care focus of new course

By DIANE DUKE WILLIAMS

Kate Carlson, a student in the new Practice of Medicine course, gained valuable insight into her patient's life when she visited her home.

She learned that the woman lives with her mother, who donated a kidney to save her life. Her sister, who helps care for both of them, lives in the house, too. Carlson also discovered her patient's coping mechanism — her job as a teacher.

"You see them more as a person and how they're coping, not just as a patient in the hospital," Carlson said. "It gave me a better understanding of what it's like to be ill."

Students in Practice of Medicine, a required course for all first-year medical students, visit a patient at home and also spend three half-days shadowing a primary-care physician. These clinical experiences are new to the first-year curriculum.

"Students are privileged to interact with patients virtually from Day One, and both students and patients find this a valuable experience," said Stephen S. Lefrak, M.D., professor of medicine,

assistant dean for the Humanities Program in Medicine and one of the course's leaders.

The class is the first part of a new three-year clinical curriculum about the interfaces among a doctor, a patient and society. Practice of Medicine incorporates and expands upon material previously taught in the Introduction to Clinical Medicine I, Medicine and Human Values I, Biostatistics and Epidemiology and Clinical Skills courses.

"We needed to teach students that taking care of a patient goes beyond the pathophysiology of disease," said Tom Gallagher, M.D., assistant professor of medicine and course director. "They need to understand how the illness fits into the patient's family or social support network and how to convince them to take their medications. We need to teach them to provide compassionate care."

Students in Practice of Medicine learn to interview and examine a patient, understand that patient's experience of illness, develop a diagnosis and involve the patient in the treatment plan. They also learn about ethics,

health promotion and disease prevention, and epidemiology.

Additionally, the course uses a new problem-based learning style that teaches students how the course's different content areas relate to each other, how to synthesize material and how to gather resources on their own.

"Doctors do need to think about these issues simultaneously," Gallagher said. "For example, they'll learn how doctor/patient communication relates to health promotion."

Practice of Medicine also uses standardized patients — individuals trained to present the same scenario to each student and to observe the students' communication and physical examination skills — to assess the students' clinical abilities.

"This is important," said Alison J. Whelan, M.D., assistant professor of medicine, associate dean for medical student education and one of the course's organizers. "We as a profession need to be able to assure the public that we are training skilled, compassionate physicians. We also need for our students to be confident of their clinical skills."

Panic disorder study seeks volunteers to test drug treatment

School of Medicine researchers are seeking volunteers to participate in a treatment study for panic disorder.

Panic disorder involves sudden attacks of dread, fear, heart palpitations, chest pain, dizziness, trembling or other sensations. The panic attacks are chronic and recurring, and in between attacks, patients worry about future attacks.

"That anxiety can be as disabling or more disabling than the panic attacks themselves," said Keith E. Isenberg, M.D., principal

investigator and associate professor of psychiatry. "Patients who are afraid to fly may have a panic attack when they are supposed to board a plane, but those who truly suffer from panic disorder continue to experience anxiety even without events to trigger attacks."

Panic disorder affects 1.5-3.5 percent of the population. Current treatments include antidepressant drugs and benzodiazepines. Antidepressants can be effective but often must be taken for several weeks before symptoms

are eased, and they can cause undesirable side effects. Benzodiazepines provide relatively instantaneous relief, but they can lose effectiveness and can have side effects such as sleepiness, clumsiness and memory problems.

Isenberg is joining researchers across the United States and Canada to test the effectiveness of an investigational drug that is neither a benzodiazepine nor an antidepressant. The researchers hope the investigational drug will remain effective in the long term

and have fewer side effects.

To qualify for the study, participants must be age 18 or older and have experienced at least four panic attacks in the last month. They will make nine visits to the doctor over 12 weeks and will undergo a physical exam, routine blood tests, an electrocardiogram and urine tests.

Study medications, physical exams, laboratory tests and doctors' visits will be free. For more information, call Theresa Kormos at 362-1839.

University Events

Guthrie Theatre returns to Edison with intimate drama 'Molly Sweeney'

BY LIAM OTTEN

Minneapolis' acclaimed Guthrie Theatre will return to Edison Theatre on Feb. 17 with the intimate drama "Molly Sweeney." This is the troupe's fourth collaboration with Tony Award-winning Irish playwright Brian Friel.

Set the mythical Irish village of Ballybeg, "Molly Sweeney" describes an ill-fated quest to restore a blind woman's sight. Molly, who lost her vision in infancy, now leads a contented life but — at the urging of Frank, her passionate, impulsive husband — reluctantly agrees to undergo a procedure.

The story unfolds through a trio of interweaving monologues in which Molly, Frank, and Molly's once-famous eye surgeon, Mr. Rice, describe the anticipation leading up to the operation, the operation itself, and the ultimately tragic consequences of its

success.

"Molly Sweeney" is directed by Joe Dowling, who also brought the Guthrie's iconoclastic version of William Shakespeare's "A Midsummer Night's Dream" to Edison last May. Dowling is perhaps best known for his association with The Abbey Theater, the national theater of Ireland. In 1970 he founded The Young Abbey, Ireland's first theater and education group, and in 1973 became artistic director of The Peacock Theater, The Abbey's second stage. In 1976, he assumed artistic directorship of the Irish Theater Company, The Abbey's national touring troupe, and two years later, at 29, became the youngest artistic director in Abbey history.



"Molly Sweeney"

WHO: The Guthrie Theatre
WHERE: Edison Theatre
WHEN: 8 p.m. Feb. 17
TICKETS: \$25
AT LEFT: Director Joe Dowling

Dowling left The Abbey in 1985 to become artistic and managing director of The Gaity, Dublin's oldest commercial theater, where he formed The Gaity School of Acting, widely regarded as Ireland's finest drama school. Since 1990, he has directed extensively in North America, including versions of "Othello," "Julius Caesar," "Macbeth" and "Uncle Vanya," for such prestigious venues as The New York Shakespeare Festival, The Shakespeare Theater in Washington, D.C., the American

Repertory Theater, Arena Stage and the Centaur Theater in Montreal.

Friel was born in Northern Ireland in 1929 and initially studied to become a priest. He began writing short stories for The New Yorker in 1959 and subsequently published two collections, "The Saucer of Larks" and "The Gold in the Sea." His first radio plays were produced by the BBC — Belfast in 1958 and his first stage play, "This Doubtful Paradise," premiered in 1959. Subsequent works for the stage include "The Enemy Within" (1962), "Philadelphia, Here I Come!" (1964), "The Loves of Cass McGuire" (1966), "Lovers" (1967), "Translations" (1981), "The Communication Cord" (1982), "Making History" (1988) and "Dancing at Lughnasa" (1990), which won three Tony Awards on Broadway, including Best Play.

The Guthrie Theater was founded in 1963 by the great English director Sir Tyrone Guthrie. In addition to touring main-stage theater productions, the Guthrie performs contemporary pieces at The Guthrie Lab and runs educational programs that reach over 90,000 students every year.

The special one-night-only performance is sponsored by the Edison Theatre OVATIONS! Series and begins at 8 p.m. Tickets are \$25 and are available at the Edison Theatre Box Office, 935-6543, or through MetroTix, 534-1111.

The performance is made possible with support from the Missouri Arts Council, a state agency; the Regional Arts Commission, St. Louis; the Heartland Arts Fund, a collaboration of Arts Midwest and Mid-America Arts Alliance; and the National Endowment for the Arts.

"Phantom Lady" • Invisible Violent Universe • The Womb With a View • The City of Man

"University Events" lists a portion of the activities taking place at Washington University Feb. 9-21. Visit the Web for expanded calendars for the School of Medicine (medschool.wustl.edu/events/) and the Hilltop Campus (cf6000.wustl.edu/calendar/events/).

Exhibitions

"Caught By Politics: Art of the 1930s and 1940s." The Gallery of Art. Through March 18. Steinberg Hall Aud. 935-4523.

"Farewell to Bosnia." Gilles Peress, photographer. The Gallery of Art and the St. Louis Chapter of the United Nations Assoc. Through March 18. Steinberg Hall Aud. 935-4523.

Film

Tuesday, Feb. 13

6 p.m. Japanese Film Series. "Chushingura." Room 219 Ridgley Hall. 935-5156.

Wednesday, Feb. 14

6 p.m. Near Eastern Film Series. "Three Days and a Child." Room 219 Ridgley Hall. 935-5156.

Tuesday, Feb. 20

6 p.m. Chinese Film Series. "The Emperor and the Assassin." Room 219 Ridgley Hall. 935-5156.

Wednesday, Feb. 21

7 p.m. Gallery of Art Film Series. "Phantom Lady." Robert Siodmak, dir. (1944). Steinberg Hall Aud. 935-4523.

Lectures

Friday, Feb. 9

9:15 a.m. Pediatric Grand Rounds.

"DE=Q+W, as Applied to Infants in Health and Disease." Ross W. Shepherd, visiting prof. of pediatrics and nutrition, pediatric gastroenterology and nutrition div., and dir. of Pediatric Liver Program. Clopton Aud., 4950 Children's Place. 454-6006.

11 a.m. Mathematics analysis seminar.

"Formal Trigonometric Series and Cyclic Vectors for the Backward Shift." Bill Ross, prof. of mathematics, U. of Richmond, Va. Room 199 Cupples I Hall. 935-6760.

Noon. Cell biology and physiology seminar.

"Diversity of GTPase Recognition by Cysteine-rich Domains." Sharon Campbell, assoc. prof. of biochemistry and biophysics, U. of N.C., Chapel Hill. Room 426 McDonnell Medical Sciences Bldg. 362-6040.

3 p.m. Mathematics solvmanifold seminar.

"Damek-Ricci Spaces." Chal Benson. Room 199 Cupples I Hall. 935-6760.

4 p.m. Anatomy and neurobiology seminar.

"Mitochondrial Uncoupling Proteins as Regulators of Mitochondrial Metabolic Efficiency and Free Radical Production in the Brain." Laura L. Dugan, asst. prof. of anatomy and neurobiology, of medicine, and of neurology and neurological surgery. Room 928 McDonnell Medical Sciences Bldg. 362-7043.

4:30 p.m. Mathematics colloquium.

"Subgroup Lattices of Finite Groups." John

Shareshian, prof. of mathematics, U. of Miami. Room 199 Cupples I Hall (tea 4 p.m., Room 200). 935-6760.

Monday, Feb. 12

Noon. Cell biology and physiology seminar.

"The Biosynthesis of Polysialic Acid, A Modulator of Cell-cell Interactions During Development." Karen J. Colley, assoc. prof. of biochemistry and molecular biology, U. of Ill. at Chicago College of Medicine. Room 426 McDonnell Medical Sciences Bldg. 362-6950.

Noon. Lung biology conference.

"Apical Polarity in Airway Epithelial Cells — Whaz Up?" Steven L. Brody, asst. prof. of medicine, pulmonary and critical care medicine div. Room 801 Clinical Sciences Research Bldg. 362-8983.

Noon-1 p.m. Work, Families, and Public Policy Brown Bag Seminar Series.

"Compensating for Mistrust Among Kin." Margaret L. Brown, asst. prof. of anthropology. Room 300 Eliot Hall. 935-4918.

4 p.m. Immunology Research Seminar Series.

"The Immunobiology of Pregnancy: New Insights Into Complement Regulation." Hector D. Molina-Vicenty, asst. prof. of medicine and of pathology. Eric P. Newman Education Center. 362-2763.

5:30 p.m. Radiology's Seventh Annual Hyman R. Senturia lecture.

"Managing Change in Twenty-first Century Radiology Practice." James Thrall, prof. and chair, radiology dept., Massachusetts General Hosp., Boston. Scarpellino Aud., first floor, 510 S. Kingshighway Blvd. 362-2866.

Tuesday, Feb. 13

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series.

"Legionella's Strategy for Growth in Macrophages." Michele Swanson, asst.

prof. of microbiology and immunology, U. of Mich. Medical School. Cori Aud., 4565 McKinley Ave. 286-2891.

4 p.m. Institute for Global Legal Studies and Black Law Students Association lecture.

"The Early Days of the Civil Rights Movement in St. Louis." Margaret Dagen, author, civil rights activist, co-founder of St. Louis CORE. Bryan Cave Moot Courtroom, Anheuser-Busch Hall. 935-7988.

4:15 p.m. Earth and planetary sciences colloquium.

"Mantle Flow in Subduction Zones: Geodynamic and Seismic Constraints." Chad Hall, geological sciences dept., Brown U. Room 361 McDonnell. 935-5610.

Wednesday, Feb. 14

11 a.m. Assembly Series. Cultural Celebration and Asian Multicultural Council lecture.

Gish Jen, author, will read/comment on her work. Graham Chapel. 935-5285.

4:30 p.m. Annual William H. Matheson Seminar in Comparative Arts lecture.

"The Conceptual Poetics of Marcel Duchamp." Marjorie G. Perloff, the Sadie Darnham Patek Prof. of Humanities, Stanford U. Room 300 Brookings Hall. 935-5170.

5:15 p.m. Mothers and Babies Research Center conference.

"The Womb With a View — Genetic Control of Mammalian Embryogenesis and Placental Angiogenesis." Jixiang Ding, instructor, Center for Advanced Biotechnology and Medicine (CMB), Rutgers U., N.J. Room 36, third floor south, St. Louis Children's Hosp. 747-0739.

Thursday, Feb. 15

10 a.m. Annual William H. Matheson Seminar in Comparative Arts lecture.

"The Crisis in the Humanities." Marjorie G. Perloff, the Sadie Darnham Patek Prof. of Humanities, Stanford U. Room 222 Brookings Hall. 935-5170.

11 a.m. Pulmonary and Critical Care Grand Rounds.

"Novel Therapies for COPD." Peter J. Barnes, prof. of thoracic medicine, Imperial College School of Medicine, London and National Heart, Lung and Blood Inst., Bethesda, Md. East Pavilion Aud., Barnes-Jewish Hosp. Bldg. 362-6904.

5 p.m. Vision Science Seminar Series.

"Cell-cell Communication Pathways in the Lens." Valery Shestaplov, research instructor in ophthalmology and visual sciences. East Pavilion Aud., Barnes-Jewish Hosp. Bldg. 362-5722.

7 p.m. Gallery of Art Lecture Series.

"The City of Man (1940): American and Exiled European Intellectuals Envision a World Democracy." Paul Michael Lutzeler, the Rosa May Distinguished University Prof. in the Humanities and dir., the Max Kade Center for Contemporary German Literatures. Steinberg Hall Aud. 935-523.

Friday, Feb. 16

9:15 a.m. Pediatric Grand Rounds.

"Growing Up Right: Recent Advances in the History of Childhood." Walton O. Schalick, III, instructor in pediatrics, newborn medicine div. and asst. prof. of history. Clopton Aud., 4950 Children's Place. 454-6006.

Noon. Cell biology and physiology seminar.

"Signal Transduction Pathways Governing Salmonella's Lifestyle." Eduardo A. Groisman, assoc. prof. of molecular microbiology. Room 426 McDonnell Medical Sciences Bldg. 362-6950.

7:30 p.m. St. Louis Astronomical Society lecture.

"The Invisible Violent Universe." Wayne Clark, St. Louis Astronomical Society. Co-sponsored by earth and planetary sciences and NASA's Missouri Space Grant Consortium. Room 162 McDonnell Hall. 935-4614.

Monday, Feb 19

Noon. Lung biology conference.

"A Novel Adhesive Site on Tröpoelastin Which Promotes Cell Spreading." Tom Broekelmann, research assoc. in cell biology. Room 801 Clinical Sciences Research Bldg. 362-8983.

3 p.m. School of Law and Black Law Students Assoc. lecture in honor of Black History Month.

Maxine Waters, U.S. Congresswoman (D-Calif.). Bryan Cave Moot Courtroom, Anheuser-Busch Hall. 935-4958.

4 p.m. Condensed matter/materials and biological physics seminar.

"NMR Studies of Carbon Nanotubes and Nanochannels in a-Si:H." Yue Wu, prof. of physics and astronomy, U. of N.C., Chapel Hill. Room 241 Compton Hall (coffee 3:45 p.m.). 935-6276.

4 p.m. Immunology Research Seminar Series.

"The MHC-I Molecule As a Focus for Innate and Adaptive Immunity: Interactions With Natural Killer (NK) and T Cell Receptors." David H. Margulies, molecular biology section, National Insts. of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Md. Eric P. Newman Education Center. 362-2763.

Tuesday, Feb. 20

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series.

"Phenotypic Variation and Intracellular Parasitism *Histoplasma capsulatum*." William E. Goldman, prof. of molecular microbiology. Cori Aud., 4565 McKinley Ave. 747-2630.

12:05-12:55 p.m. Program in Physical Therapy research seminar.

"Resolving Disagreements Between Patients and Providers Related to Managed Care." Thomas H. Gallagher, asst. prof. of medicine, internal medicine dept. Classroom B114, 4444 Forest Park Blvd. 286-1404.

Wednesday, Feb. 21

11 a.m. Assembly Series. Muslim Students Assoc. lecture.

"Globalization and Its Impact on Christian-Muslim Relations." Yvonne Yazbeck Haddad, author and prof. of history of Islam and Muslim-Christian relations, Georgetown U. Graham Chapel. 935-5285.

11 a.m. Public Interest Law Speakers Series.

"The Death Penalty Process: Is It Fixable?" Thomas P. Sullivan, attorney and co-chair, Ill. Governor's Commission on Capital Punishment. Anheuser-Busch Hall. 935-4958.

4 p.m. Mouse genetics conference.

"Use of Transgenic Mice to Study Extracellular Matrix Assembly." Robert P. Mecham, prof. of cell biology and physiology. Room 9941 Clinical Sciences Research Bldg. 362-8983.

Author Gish Jen to deliver Cultural Celebration Lecture

Author Gish Jen will deliver the annual Cultural Celebration and Asian Multicultural Council Lecture at 11 a.m. Wednesday in Graham Chapel as part of the Assembly Series.

Jen grew up in Scarsdale, N.Y., the daughter of Chinese immigrants. Her work documents aspects of the ethnic experience in America with perception, poignancy and humor.

Her first work of fiction, 1991's "Typical American," follows the transformation of Chinese immigrants in the United States. The novel became a New York Times "Notable Book of the Year."

Her second novel, "Mona in the Promised Land," looks at ethnic and racial diversity in 1960's America. It too was named a New York Times "Notable Book of the Year," and it also was named one of the top

10 best books of 1996 by The Los Angeles Times. Both books were finalists for the National Book Critics Circle Award.

Jen's most recent work is a collection of short stories, "Who's Irish?" which explores the idiosyncrasies of Chinese and Irish culture. In the collection's title story, an elderly Chinese woman is comically bewildered by the attitudes of her Americanized daughter and her chronically unemployed Irish-American son-in-law.

Jen's shorter works have appeared in The Atlantic Monthly, The New Yorker, The New Republic and The New York Times.



Assembly Series

WHO: Author Gish Jen (left)
WHERE: Graham Chapel
WHEN: 11 a.m. Wednesday
ADMISSION: Free and open to the public

She has been awarded fellowships from the Guggenheim Foundation, Radcliffe College's Bunting Institute, the National Endowment for the Arts and the MacDowell Colony. Jen earned a bachelor's degree in English from Harvard University in 1977 and a master's of fine arts from the Iowa Writers' Workshop in 1983.

The lecture is free and open to the public. For more information, call 935-5285 or visit the Assembly Series Web page (<http://wupa.wustl.edu/assembly>).

Black History Month celebrated by events

Several on-campus events in February will celebrate Black History Month.

Author and civil rights activist **Margaret Dagen** will lecture on "The Early Days of the Civil Rights Movement in St. Louis" at 4 p.m. Tuesday in the Bryan Cave Moot Courtroom in the School of Law's Anheuser-Busch Hall. The lecture, which is free and open to the public, is co-sponsored by the law school's Institute for Global Legal Studies and Black Law Students Association.

Dagen and her late husband, Irvin, were among the leading early civil rights pioneers in St. Louis. In 1947, they co-founded St. Louis CORE (Committee of Racial Equality), the organization principally responsible for integrating lunch counters and other public accommodations in St. Louis. The group maintained a philosophy of passive resistance and Gandhian nonviolence, which included some of the nation's first sit-ins.

For more information, call 935-7988.

U.S. Rep. **Maxine Waters** (D-Calif.) will deliver a lecture at 3 p.m. Feb. 19 in the Bryan Cave Moot Courtroom in the School of

Law's Anheuser-Busch Hall.

A St. Louis native, Waters has a national reputation as an outspoken advocate for women, children, people of color and poor people. She also is at the forefront of issues ranging from economic development to police brutality, the "war on drugs," veterans' concerns, job skills training for youths and international human rights.

The lecture, which is free and open to the public, is sponsored by the Black Law Students Association and the law school.

For more information, call 935-4958.

The **Association of Black Students** is also sponsoring several campus events.

- Feb. 10, 5-7 p.m. — Quiz Bowl at Ursa's Café on the South 40
- Feb. 12-16 — Association of Black Students Awareness Week
- Feb. 12 — T-shirt Day
- Feb. 12 — Women's Retreat from 7-8:30 p.m. in the ABS lounge
- Feb. 14 — Black Love Day — pick up stickers from the ABS executive board and show your love to everyone.
- Feb. 15 — Staff Appreciation

Day — Let those who do so much for us know how much we appreciate them.

- Feb. 16, 5 p.m. — Bring a friend to Meeting Day at Rebstock 215
- Feb. 23, 8 p.m. — Comedy Night at the Gargoyle in Mallinckrodt featuring LeAnne Lord
- Feb. 25, 7:30 p.m. — Fashion Fabulous and Talent Show at the Gargoyle. Tickets are \$7 in advance.

The **Office of Student Activities** is sponsoring "Spinning into Butter" at 7 p.m. Feb. 21 at the Repertory Theatre. Tickets are \$5 if purchased from Melanie Adams, but there is a limited supply of tickets. Contact the Repertory Theatre for additional showtimes and prices.

The **Black Graduate Council** Leadership Symposium will be at 6 p.m. Feb. 15 at the Women's Building formal lounge. The format will be a panel discussion of topics related to African-American leadership. Campus and community leaders will discuss a variety of issues. Audience feedback will be encouraged. Soul food refreshments will be served.

Sexual Responsibility Week highlighted by Dr. Drew

Sexual Responsibility Week, which runs Sunday through Feb. 18, will be capped off by a talk from Dr. Drew Pinsky. Dr. Drew is best known as co-host of "Loveline," a television and radio show that addresses young people's concerns about sex and sexuality.

Students can pick up sexual-health packets on tables in Mallinckrodt Student Center during lunch hours next week. Events — some of which are creative and fun but still informational — will be held throughout Hilltop Campus.

Student organizers of Sexual



Dr. Drew: Coming to Graham Chapel

Responsibility Week insist that this year's theme, "Longer, Stronger, and More Responsible," has a legitimate and serious meaning.

"It's longer because we've added an extra day this year," said Dan Pascucci, co-chair of the Student Health Advisory Committee, which is sponsoring

the week's events along with the Student Union. "The event will last eight days instead of seven. It's stronger because we have better content. And it's more responsible because that is what the event is really all about.

"The purpose of the week is to increase awareness about the responsibility of sex and options that students have, and to do it in more of a fun atmosphere," Pascucci said.

For more information, call Melissa Ruwitch, coordinator of health and wellness, at 935-7139.

Film noir series comes to Gallery of Art starting Feb. 21

American film noir, the urban crime genre famous for its stylized visual aesthetic, crackling dialogue, moral ambivalence and existential gloom, was in large part pioneered in the 1930s and 1940s by film directors exiled from Nazi Germany and occupied Europe. Giants of world cinema like Fritz Lang, Otto Preminger, Robert Siodmak, Edgar Ulmer and Billy Wilder all arrived in Hollywood after fleeing the rising tide of National Socialism.

In February and March, the Washington University Gallery of Art will screen a trio of noir classics directed in Hollywood by European directors. The series will be held in conjunction with the Gallery's exhibition "Caught by Politics: Art of the 1930s and 1940s," which is on view at the Gallery through March 18.

All films will be shown in 16mm format. The schedule is:

- Feb 21 — "Phantom Lady,"

1944, directed by Robert Siodmak;

- Feb. 28 — "Double Indemnity," 1944, directed by Billy Wilder; and
- March 20 — "Scarlet Street," 1945, directed by Fritz Lang.

All screenings are free and open to the public and begin at 8 p.m. in the Gallery of Art, located in Steinberg Hall. For more information, call 935-4523 or visit www.wustl.edu/GalleryofArt.

On Stage

Saturday, Feb. 10

8 p.m. **OVATIONS! Series.** "Music of Beethoven for Cello and Piano." Michael Haber, cellist, and Seth Carlin, pianist. Cost: \$15 (call for discounts). Holmes Lounge, Ridgley Hall. 935-6543.

Saturday, Feb. 17

8 p.m. **OVATIONS! Series.** "Molly Sweeney." Guthrie Theatre, Minneapolis. Brian Friel, writer, and Joe Dowling, dir. Cost: \$25. Edison Theatre. 935-6543.

Sports

Friday, Feb. 16

6 p.m. **Women's basketball** vs. Carnegie Mellon U., Pittsburgh. Athletic Complex. 935-5220.

8 p.m. **Men's basketball** vs. Carnegie Mellon U., Pittsburgh. Athletic Complex. 935-5220.

Sunday, Feb. 18

1 p.m. **Men's basketball** vs. Emory U., Atlanta. Athletic Complex. 935-5220.

3 p.m. **Women's basketball** vs. Emory U., Atlanta. Athletic Complex. 935-5220

Worship

Friday, Feb. 9

11:15 a.m. **Catholic Mass.** Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

1:10 p.m. **Muslim Friday prayers.** Includes sermon and prayer service. Lambert Lounge, Mallinckrodt Student Center. 935-3543.

Friday, Feb. 16

11:15 a.m. **Catholic Mass.** Catholic Student Center, 6352 Forsyth Blvd. 935-9191.

1:10 p.m. **Muslim Friday prayers.** Includes sermon and prayer service. Lambert Lounge, Mallinckrodt Student Center. 935-3543.

And more...

Saturday, Feb. 10

7:30 a.m. **Continuing Medical Education seminar.** "Asthma and Leukotrienes." Presented by allergy and immunology div. Cost: \$75 (includes breakfast and lunch). Eric P. Newman Education Center. 362-6891.

Wednesday, Feb. 14

4:15 p.m. **PAD lecture/demonstration.** "The Base of Japanese Dance." Sponsored by dance program. Olin I Dance Studio, Ann T. Olin Women's Bldg. 935-5858.

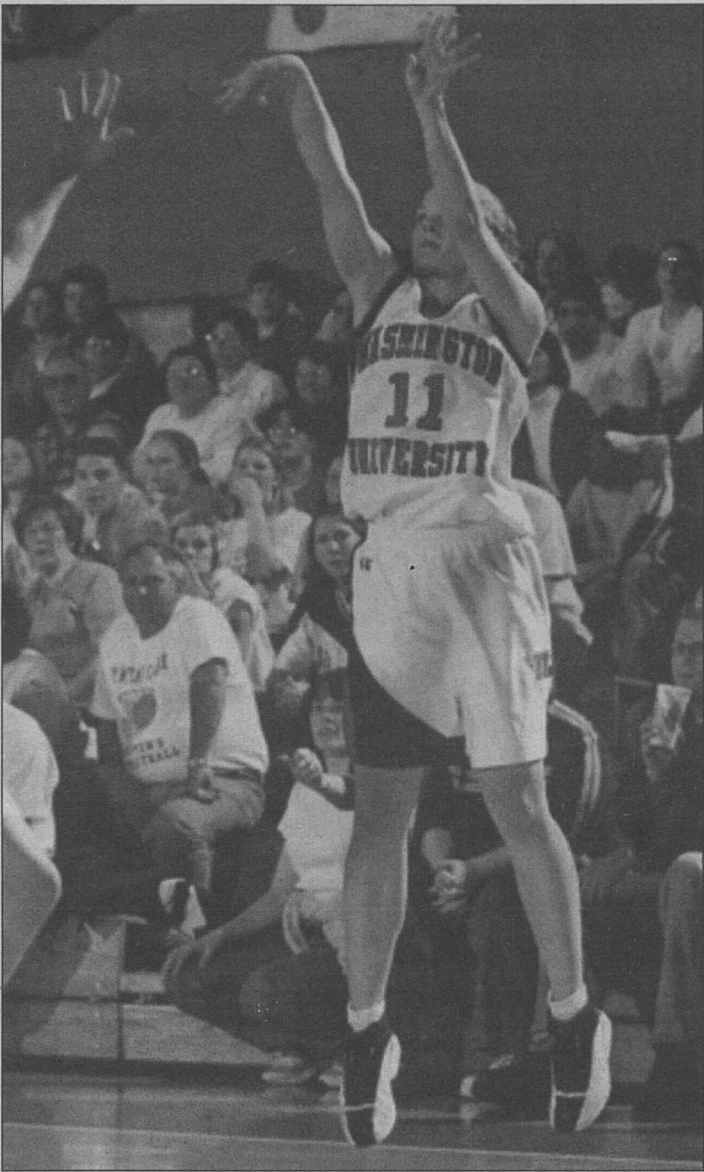
Friday, Feb. 16

7:30 a.m. **Center for the Application of Information Technology briefing.** "Living in the Era of Digital Disruptions." Paul Gustafson, sr. partner with CSC Consulting Group and dir., CSC's Leading Edge Forum. 5 N. Jackson, St. Louis. To register, call 935-4792.

Saturday, Feb. 17

7:45 a.m. **Continuing Medical Education conference.** "An Update From the Eighth Conference on Retroviruses and Opportunistic Infections." Judy Aberg and Pablo Tebas, infectious diseases dept. Marriott Pavilion, One Broadway. 362-2418.

Sports



JOE ANGELES

Senior guard Sara Ettner launches a shot in the Field House

Men's basketball wins two

The Red and Green maintained its share of the University Athletic Association lead by picking up two huge roads wins — New York University, 81-62, on Feb. 2, and Brandeis University, 89-73, Sunday.

The Bears fell into a quick 10-3 hole at NYU but responded with an 18-4 run to take a seven-point lead, 21-14, midway through the first half. New York climbed to within three, 39-36, at halftime, but that would be as close as the Violets would get as the Bears recorded their biggest win ever at the Coles Sports Center. Dustin Tylka poured in a career-high-tying 35 points, the third time he has passed the 30-point barrier this season, on 10-of-14 shooting overall and 6-of-8 shooting from beyond the three-point arc. He also added four steals. Chris Alexander finished with 11 points, moving him past Kevin Folkl and into sixth place on the WU career scoring charts. Chris Jeffries and Nick Geurts each chipped in 11. Jeffries had game-highs with eight rebounds and five assists.

Against Brandeis, WU took a little longer to get rolling as the Judges jumped to an early 20-13 lead. The Bears came back with an 11-2 run to go up 24-22, but Brandeis took a 40-37 lead into halftime. However, WU ripped off a 19-2 run over a six-minute stretch early in the second half to go up 62-48 with 11:20 left. Brandeis would get no closer than 12 the rest of the way as the Bears surpassed last year's win total with their 18th victory of the season. Jeffries led five players in double figures with 22 points and five rebounds. Tylka hit 5 of 8 from three-point range to finish with 17 points and Jarriot Rook finished with 13.

Women's basketball splits two on road

The Bears' New York City road trip didn't begin the way they had planned it, falling behind to NYU early and trailing by as much as 21 in the first half. A

17-point deficit stared them in the eyes at halftime, but WU clawed its way back in the second stanza.

With just over 30 seconds remaining, sophomore Meg Sullivan hit a three-pointer to take the Bears' first lead since the game's opening basket. NYU then gave WU plenty of chances to put the game away, but the team hit only one of its last five free throws, when Lendy Stuber hit the second of two with just over five seconds remaining. After the made shot, NYU's Dari Magyar inbounded the ball and dribbled the length of the court, firing up a last-second three-pointer that found the net, giving the Violets a 65-64 win.

Senior center Lindsey Merrill's career-high 19 points led the Bears. Sara Ettner had 11, and Tasha Rodgers had 10 points and nine rebounds.

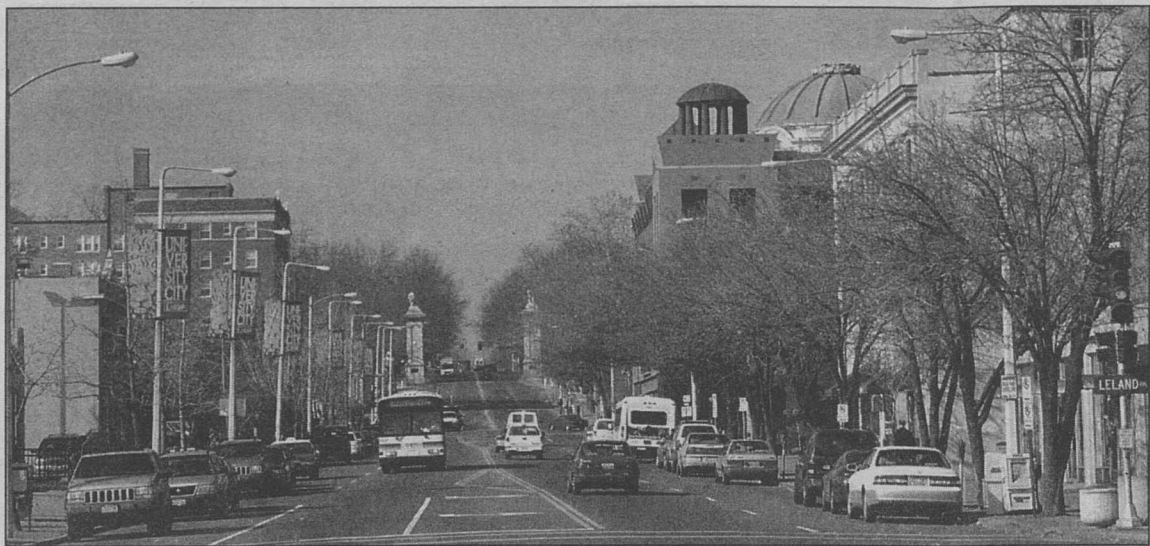
The Bears quickly recovered from the loss, blowing out host Brandeis, 94-36. WU opened the game on a 30-2 run, not allowing the Judges a field goal until the 9:16 mark of the first half. The Bears led 45-12 at halftime and cruised in the second half, as all 13 players scored for WU. Rodgers led all scorers with 21 points, adding four rebounds, four assists and four steals. Merrill once again set a career-high by tossing in 20 points, and also had six boards, three blocks and two assists. Robin Lahargoue contributed 11 points.

The Bears once again featured defense, holding the Judges to just 25.5 percent shooting. It is the 76th consecutive game the Bears have not allowed an opponent to shoot 50 percent or above. No Brandeis player scored in double figures.

Track & field earns first

The Bears men's and women's indoor track and field teams jumped out to an excellent start Saturday as both teams captured first-place finishes at the Rose-Hulman Quadrangular.

Natasha Richmond led the women with two wins, in the hammer throw and in the shot put. Todd Bjerkas helped the men with a pair of wins, in the long jump and in the 55-meter dash.



The University has bought or is buying about 75 apartment buildings in University City just north of the thriving Delmar Loop business district. WU already owns about 25 buildings south of the Loop.

Neighborhood

WU upgrading areas surrounding campuses

— from Page 1

under way in this area, again concentrating on code upgrades and refurbishing to make the structures more attractive.

The University already owns about 25 buildings south of the Loop.

Burris has observed a visible increase in the number of landlords working on their properties in the neighborhood north of the Loop. "The University is a long-term stabilizing influence," he said.

"We want to make sure housing exists in the future," Burris added. "We were concerned that it would no longer exist — that it would be replaced with commercial development or condos or luxury-apartment developments. We want to make sure that our students, faculty and staff can continue to afford to live there."

Medical school impact

Investments are bearing fruit near the medical school too, according to Doris Reynolds Johnson, treasurer of the Washington University Medical Center (WUMC). In the 45-square-block Forest Park Southeast neighborhood, the University has joined with BJC Health System, its WUMC partner, in a massive revitalization effort.

Results so far: more than 40

new homes, with more houses and rental units planned, and renovations under way on Adams Elementary School and a connecting Adams Park Community Center. Adams, closed since 1993, will house more than 400 pre-kindergarten through fifth-grade students. The facility will reopen next fall.

The University's partners in the \$15 million Adams project are the St. Louis Board of Education, BJC, developers McCormick-Baron and the neighborhood's residents, whose Community Council has played a major role in shaping the plans.

A grant from the U.S. Department of Housing and Urban Development has helped fund the residential units. The WUMC Redevelopment Corp. has invested \$6 million in residential construction, with an additional \$250,000 paid out for sidewalks and other infrastructure improvements, according to Brian Phillips, real estate developer for the corporation.

All are components of a larger master plan to expand employment and education opportunities, housing, social and human services, security and business activity. The plan also envisions a senior assisted-living facility and possibly a middle school.

Johnson said the medical school's work in the neighborhood, like its free clinics, AIDS-education programs and myriad other community services, are still another way to reach out and share its resources for the benefit of many.

Safety and security

The University is helping with public safety as well. It has expanded its "blue light" security phone system into University City and St. Louis neighborhoods where it has a presence. For the medical school, the blue light phones are a recent addition, installed about a year ago. The University is paying the salary of an additional beat officer in University City. And around both campuses, University Police works closely with University City and St. Louis authorities in normal patrols.

"The University has a real stake in the safety of these areas," Roloff said. "We want both our students and our neighbors to feel secure, and we're committed to being part of the solution."

Two other solutions it's helping fund concern traffic near the Hilltop Campus. The University has paid for widening Big Bend Boulevard, first south of Forsyth Boulevard and now just south of Millbrook Boulevard. These projects serve both the campus and neighbors, expediting southbound traffic adjacent to the South 40 and northbound traffic at Millbrook.

"The University exists in a symbiotic relationship with the people who live around us," Roloff observed. "The solutions that work best for us will be the same ones that work best for our neighbors. It's gratifying to be part of an institution that uses its resources in these very constructive ways."

Students

Two programs facilitate cultural exchanges

— from Page 1

Program meets once a week or so for about an hour at a mutually agreeable time and place. No special skills or training are required, just the ability to converse and exchange ideas.

In addition to one-on-one meetings, the two programs come together each semester for a structured gathering of all interested participants and volunteers. Recent events include Western Night and a trip to the Missouri Historical Society Museum.

Tom Evola, the University's associate director of student records, became involved with the Host Family Program in the late 1980s.

"We hosted a family from Taiwan," Evola said. "The husband was a graduate student in social work, arriving in the United States for the first time in his life, accompanied by his young wife and one child. They were on a fragile student budget, and consequently I volunteered to assist them in finding an affordable living arrangement during their time here."

The two families became friends, eating dinners together and having casual talks about culture, each learning a lot from the other.

Evola also participated in the program in 2000, welcoming an MBA student from Barcelona, Spain, into his home.

"We think the program is great," Evola said. "International students really appreciate our

involvement if only for one day a month. We think it was especially beneficial for our teen-age children. Every time one talks and listens to a person from another culture, another hanger is formed on which ideas can be placed. And this I value."

But it's not only the host families that value the program. Students gain a great deal as well.

Shenquan Duan, a Chinese chemistry graduate student in Arts & Sciences, said he very much enjoyed participating in the Host Family Program and spending time with Carl M. Rovainen, Ph.D., professor of cell biology and physiology in the School of Medicine, and his wife, Leslie.

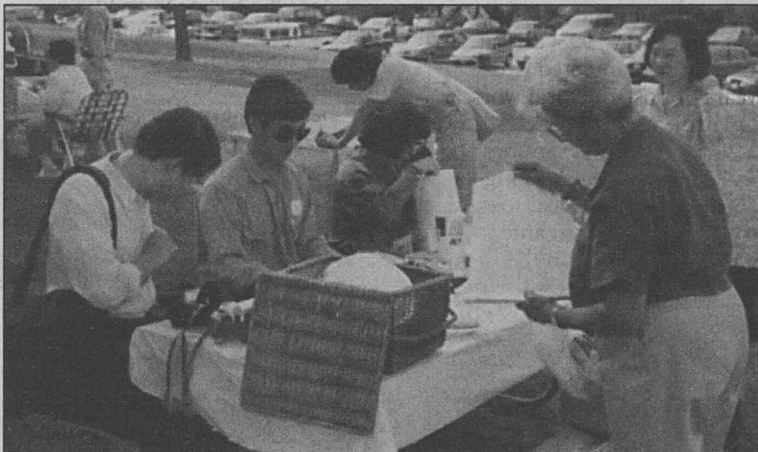
"My host family experience has been wonderful," Duan said. "Dr. and Mrs. Rovainen are very nice people, and they helped us a lot in adjusting to the new environment."

"Carl is a good musician. We were able to listen to his band. Leslie is a good quilt-maker, so we visited some beautiful quilt exhibits that she recommended. We also went hiking and canoeing. We really learned a lot."

Behmer said the programs have proved very rewarding for both students and volunteers.

"Many of our volunteers have traveled abroad. They know what it feels like to be a stranger in a strange land," Behmer said. "The bonds formed between students and host families are so tight that many keep in touch and visit each other after leaving Washington University. Many of our people end up being friends for life."

For more information on either program, contact the Office of International Students and Scholars at 935-5910.



Eleanor Schmitt (right), longtime volunteer with the Host Family Program, helps prepare lunch with a group of international students during a recent outing to Laumeier Sculpture Park.

Campus Watch

The following incidents were reported to University Police Jan. 31–Feb. 6. Readers with information that could assist in investigating these incidents are urged to call 935-5555. This information is provided as a public service to promote safety awareness and is available on the University Police Web site at rescomp.wustl.edu/~wupd.

Feb. 2

11:52 a.m. — Six students reported that an unknown person(s) entered their Lien Hall room between 9:30-10:30 a.m. Two roommates stated that their computers were unplugged and moved from their original location but were not stolen due to an anti-theft cable. One of the roommates reported their cell phone stolen. Another student stated she had a small amount of money taken from her wallet. The fourth student stated that an African-American male opened her room door and exited when he saw she was awake. The other two students reported their cell phones stolen and one of these students also had \$200 in cash taken from her wallet. Total loss is valued at approximately \$619.30.

Feb. 3

3:38 a.m. — After receiving a radio assignment on a suspicious person in the church

parking lot, a University police officer found the subject on the upper level of the Wohl garage. The subject fled on foot traveling east and jumped off the upper level of the garage. The subject was last seen driving at a high rate of speed west on Wydown Avenue. The subject is described as an African-American male in his 30s, 5'7", around 140 pounds with short hair, driving a dark green Saturn with Missouri license plates.

Feb. 6

8:24 a.m. — Two subjects matching the description of a white male and an African-American male who are suspects in several thefts on campus were stopped and brought to the WUPD station and later released.

University Police also responded to nine additional reports of theft, four reports of vandalism and one report each of assault, harassing phone calls and harassing e-mails.

Employment

Use the World Wide Web to obtain complete job descriptions. Go to <https://hr.wustl.edu/> (Hilltop) or <http://medicine.wustl.edu/wumshr> (Medical).

Hilltop Campus

Information regarding positions may be obtained in the Office of Human Resources, Room 130, West Campus. If you are not a WU staff member, call 935-9836. Staff members call 935-5906.

Lab Technician III 000241
Research Technician 000256
Sr. Research Assistant/Jr. Research Associate 000297
Department Secretary 000323
Research Assistant 000341
General Services Assistant 000377
Research Assistant 010023
Manager, Business Development 010026
Administrative Secretary 010032
Instructional Technology Specialist 010033
Senior Regional Director of Major

Gifts 010068
Director of Admissions and Marketing 010069
MBA Records Assistant 010076
Associate Director of Research Communications 010107
Senior Medical Sciences Writer 010108
Mechanic (Bargaining Unit Employee) 010111-2
Assistant Director Donor Relations for Stewardship 010114
Receptionist/Secretary 010121
Director of News & Information for Olin School of Business 010126
Appointment Coordinator 010128
Research Assistant/Technician 010129
Deputized Police Officer 010131, 010133
Administrative Assistant (Assistant to Chair) 010139
Research Assistant 010140

Assistant Dean and Academic Coordinator 010142
Accounts Payable Rep Trainee 010144
Coordinator, Programming and All Campus Events 010146
Director 010149
Admissions Assistant 010150
Editor, Publications 010153
Financial Aid Coordinator 010155
Director of Capital Projects 010160
Swing Shift Fireman 010161
Catalog Librarian 010166
Lan Engineer 010171
Deputized Police Officer 010172
Coordinator, Donor Relations 010174
Assistant Director of Career Services 010176
Assistant Facility Manager 010179
Technical Associate Programmer 010181
Zone Manager 010182

Director of MBA Student Services 010184
Career Development Specialist 010187
Research Assistant (cog. science/cog. neuroscience) 010188
Writer-Special Development Communications Projects (part time) 010189
Administrative Assistant 010193
Planned Giving Officer 010194
Administrative Aide 010197
Career Services Information Coordinator 010198
Communications Technician I 010199
Director, Human Resources and Payroll 010201
Application Processor II 010202
Assistant Football Coach 010203
Contract and Grant Coordinator 010204
Library Technical Assistant (adaptive

cataloging) 010207
Accounts Payable Coordinator 010212
Senior Prospect Researcher 010213
Director of Compensation and Appointments 010214
Awards Coordinator 010215
Deputy Director 010217
Customer Specialist/Project Coordinator 010218
CFU Accountant (reporting) 010219
Administrative Assistant 010221
Network Engineer 010222
Phone Operator 010223
Secretary 010224
Administrative Assistant 010225
Director of Operations, Executive Programs 010228
Senior Compliance Auditor 010229-30
Administrative Assistant 010232
Accounts Receivable Service Representative 010233

Medical Campus

This is a partial list of positions at the School of Medicine. Employees: Contact the medical school's Office of Human Resources at 362-7196. External candidates: Submit resumes to the Office of Human Resources, 4480 Clayton Ave., St. Louis, MO 63110, or call 362-7196.

Editorial Assistant 010676
Coordinator: Protocol 010769
Secretary III 010773
Coordinator: Education 010862
Payroll Assistant 010981
Space Management Coordinator 011009
Secretary III 011026
Secretary II (part time) 011058
Purchasing/Payroll Associate 011114
Secretary III (part time) 011116
Assistant Business Manager 011143
Secretary I 011150

Notables

Introducing new faculty members

The following are among the new faculty members on the Hilltop Campus. Others will be introduced periodically in this space.

Larry L. Jacoby, Ph.D., joins the Department of Psychology in Arts & Sciences as professor. He earned a bachelor's degree in psychology from Washburn University in 1966 and a doctorate in psychology from Southern Illinois University at Carbondale in 1970. His research focuses on the distinction between consciously controlled and automatic processes. Jacoby uses techniques that separate these two components of responding to forms of memory, which are relatively uninfluenced by aging, to explore neural bases of memory. A goal of his research is to develop procedures for rehabilitating memory. He is also interested in various problems in social psychology. Jacoby's research is supported by funding from the National Institute of Aging.

Gregory Miller, Ph.D., joins the Department of Psychology in Arts & Sciences as assistant professor. He earned a bachelor's degree cum laude in psychology in 1993 from the University of California, Los Angeles. After completing his doctorate in clinical psychology in 1998, also at UCLA, he completed two years of post-doctoral work at Carnegie Mellon University. Miller's research examines the inter-relationships among chronic psychological stress, the immune system and disease, primarily in the context of infectious disease. He has received a number of awards for this work, including a predoctoral National Research Service Award from the National Institute of Mental Health, and both pre- and post-doctoral appointments to National Institutes of Health-funded training grants. Miller is currently principal investigator on a study funded by the National Heart, Lung, and Blood Institute at the University of Pittsburgh and Carnegie Mellon University Center.

Joe R. Barcroft, Ph.D., joins the Department of Romance Languages & Literatures in Arts & Sciences as assistant professor of Spanish, second language acquisition, and applied linguistics. He earned bachelor's degrees in 1988 in Spanish and in 1989 in anthropology from the University of Illinois, Urbana-Champaign, where he graduated summa cum laude and received the Bronze Tablet and other academic awards for the top 1 percent of UIUC students. Barcroft earned his doctorate in May 2000 in Spanish and second language acquisition from UIUC. He is a specialist in processing resources and second language lexical acquisition. He was assistant editor of Spanish Applied Linguistics from 1997-99 and managing editor of the journal Discourse during the same years, and has published a number of articles and given papers at professional meetings.

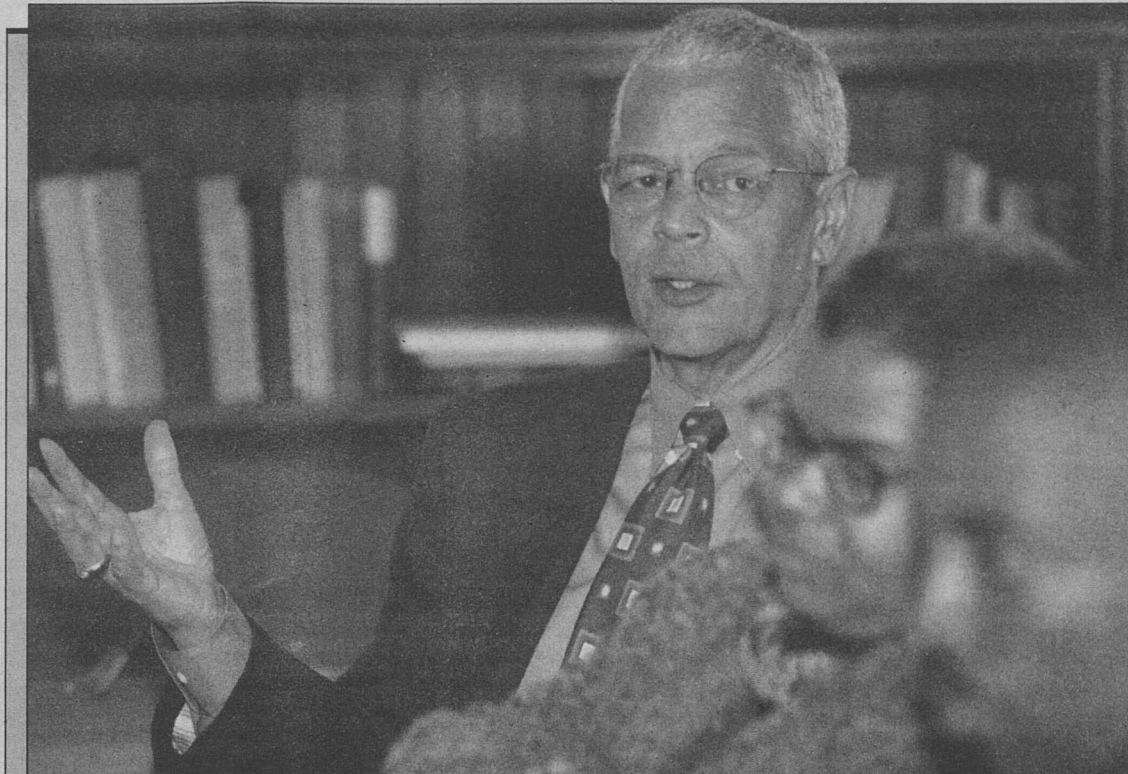
Of note

Fr. Gary Braun, director of the Catholic Student Center, recently received the Great Preacher Award from the Aquinas Institute of Theology. This award is given annually to recognize a priest whose compelling and imaginative preaching powerfully engages listeners. Ordained as a priest of the Archdiocese of St. Louis in 1977, Braun has been at the University for 10 years and was appointed Director of Catholic Campus Ministries for the archdiocese by Archbishop Justin Rigali in 1994. ...

Barna A. Szabo, Ph.D., the Albert P. and Blanche Y. Greensfelder Professor of Mechanics in the School of Engineering and Applied Science, has received a four-year, \$577,545 Air Force Office of Scientific Research grant for a study titled "Mathematical and computational framework for a virtual fabrication environment for aircraft components." Research will be performed in collaboration with the Machining Development Laboratory, Advanced Manufacturing and Prototyping Center, Boeing Phantom Works, St. Louis. ...

Michael Sherraden, Ph.D., the Benjamin E. Youngdahl Professor of Social Development and director of the Center for Social Development at the George Warren Brown School of Social Work, will receive the 2001 Flynn Prize on Wednesday. The University of Southern California awards this prize, which carries a cash award of \$10,000, to a "scholar who has connected social work research to other fields or new contexts, creating demonstrable change in social well-being." Sherraden's work on asset-based policy has attracted bipartisan political support, garnered support from the philanthropic community, led to state and federal policy development in the United States and contributed to policy proposals in other countries, most recently in the United Kingdom. ...

Mark R. Rank, Ph.D., professor at the George Warren Brown School of Social Work, recently received one of two Outstanding Research Awards from the Society for Social Work and Research. A committee of scholars representing various areas of expertise in social work research reviewed hundreds of articles published in more than 90 academic journals in 1999 before selecting "The Likelihood of Poverty Across the American Adult Life Span" as an outstanding example of social work research. The article was published in the journal Social Work.



African-Americans in the new millenium Veteran civil rights leader Julian Bond participated in a panel discussion on the challenges and opportunities facing African-Americans in the 21st century, on Jan. 31 at the Whittemore House as part of the Chancellor's Fellowship Conference. Joining Bond in the discussion are Leslie Brown, assistant professor of history in Arts & Sciences; Greg Freeman, columnist for the St. Louis Post-Dispatch; Jean Neal, chief executive officer and director of the Annie Malone Children's Home; and Lester Spence, instructor in political science in Arts & Sciences. Bond spoke at the Assembly Series lecture earlier that day on the same topic.

lished in the journal Social Work.

To press

Eduardo A. Groisman, Ph.D., professor of molecular microbiology, recently edited a new book, "Principles of Bacterial Pathogenesis," published by Academic Press. ...

Gerard M. Doherty, M.D.,

associate professor of surgery, recently edited "Surgical Endocrinology" with Britt Skogseid, M.D., Ph.D., of University Hospital in Uppsala, Sweden. The textbook was published by Lippincott Williams & Wilkins, Philadelphia, and has received a four-star rating from Doody's Review Service. It includes contributions from Jeffrey Moley, M.D., Terry Lairmore, M.D., and William Clutter, M.D., of the School of Medicine. ...

Guidelines for submitting copy:

Send your full name, complete title(s), department(s), phone number and highest-earned degree(s), along with a description of your noteworthy activity, to Notables, c/o Jessica Roberts, Campus Box 1070, or e-mail Jessica_Roberts@aismail.wustl.edu. For more information, call 935-5293.

Journal of law and policy dedicated to Mandelker

In recognition of his extraordinary contributions to land use law, the School of Law's Journal of Law and Policy's most recent volume is dedicated to Daniel R. Mandelker, LL.B., J.S.D., the Howard A. Stamper Professor of Law.

The 888-page volume, "Evolving Voices in Land Use Law: A Festschrift in Honor of Daniel R. Mandelker," recognizes both his founding of the journal in 1965 and his more than 50 years of scholarship in land use and environmental regulation.

"Dan's contributions to national, state and local policy in these days of dramatically challenging land use relationships have been legionary," writes Robert H. Freilich, a professor at the University of Missouri-

Kansas City School of Law and a colleague of Mandelker's, in the Festschrift's epilogue.



Mandelker: Honored law professor

thought and practice at the highest level."

The Festschrift's 30 articles by former students and colleagues of Mandelker, and by Mandelker himself, provide a comprehensive analysis of land use and related

issues by eminent scholars in the field. Last year, the journal's name and focus changed, making it symposium-based and featuring broader topics. At that time, the student editorial board and faculty adviser, Karen L. Tokarz, J.D., LL.M., professor of law and director of clinical education, decided to recognize Mandelker with a special, expanded edition of the journal.

"It easily has been our most successful volume," said law school alumna Heather Leawoods, who was editor in chief of the journal when work on the Festschrift began. "It has triple the number of authors, and already has been in high demand among city and county planning commissions, land use scholars and attorneys, and state and local courts."

Fourth Annual William H. Matheson Seminar to feature Marjorie G. Perloff

Marjorie Perloff, the Sadie Dernham Patek Professor of Humanities at Stanford University and author of 10 books on various facets of 20th-century poetry and poetics, will conduct the fourth annual William H. Matheson Seminar - "The Conceptual Poetics of Marcel Duchamp" - at 4:30 p.m. Wednesday in North Brookings Hall, Room 300.

The event honors the memory of William H. Matheson, who was on the Washington University faculty from 1970 until his death in 1997. He taught broadly in comparative literature: on lyric poetry, on the novel internationally, on literature and madness, and on numerous cross-cultural topics involving comparisons of European or American and Chinese or Japanese writings.

Matheson also introduced students to the interpretation of the interrelationships between



Perloff: Featured speaker

O'Hara. She then turned her attention to larger questions of mode, genre and historical change. "The Poetics of Indeterminacy: Rimbaud to Cage" (1981) is a revisionary study of what John Ashbery called "The Other Tradition"; it has just been reprinted by Northwestern University Press.

"The Futurist Moment: Avant Garde, Avant Guerre, and the Language of Rupture" (1986) has been translated into Portuguese

literature, music and the arts.

Perloff's first three books focus on individual authors - William Yeats, Robert Lowell, and Frank

for a Brazilian edition.

"Radical Artifice: Writing Poetry in the Age of Media" (1992) takes up the question of our own late century American avant-garde.

"Wittgenstein's Ladder: Poetic Language and the Strangeness of the Ordinary" (1996) studies the link between "ordinary language" philosophy and its poetic counterpart.

Perloff has also edited books on John Cage and postmodern genres and has served on the editorial boards of "A Literary History of the United States" and "American Poetry: The Twentieth Century," just released by the Library of America.

She serves on the editorial boards of some 20 journals and is co-editor of the Northwestern University press series on the avant-garde. She has held Guggenheim and NEH fellow-

ships, been a Phi Beta Kappa Visiting Professor for 1995-96, and is a member of the American Academy of Arts and Sciences. Perloff has taught at the University of Maryland and the University of Southern California and for the past 14 years at Stanford.

Previous speakers in this seminar series include Robert K. Wallace, Herbert S. Lindenberger and Wendy Faris.

For more information, call 935-5170, e-mail complit@artsci.wustl.edu, or visit www.artsci.wustl.edu/~complit.

Correction

Feb. 2 issue, Page 2: A story provided an incorrect URL for the Center For Social Development's Internet home page. The correct URL is: <http://gwbweb.wustl.edu/users/csd>.

Washington People

Form follows function. A simple enough dictum if you're designing furniture or pottery, but what about a high-rise tower of Teflon-coated fiberglass, or a museum that doubles as a small power plant? How do you imbue the latest construction technology with aesthetic integrity and cultural value?

In other words, how do you create architecture?

"It's an extremely intellectual, rigorous and creative exercise," said Paul Donnelly, AIA, PE, the Rebecca and John Voyles Chair in the School of Architecture. "A building is an artifact that represents the process of making."

And as that process evolves with the introduction of new methods and materials, so too must change the architect's compositional and aesthetic decisions.

It's a point that Donnelly, who holds professional credentials as



Paul Donnelly, the Rebecca and John Voyles Chair in the School of Architecture, and graduate student Zhang Ling of Beijing discuss Zhang's design for The Gateway Tower, a hypothetical mixed-use high-rise that was the focus of Donnelly's design studio last semester.

Custodian of the public realm

Paul Donnelly blends a rich knowledge of architectural expression and emerging technologies

BY LIAM OTTEN

Paul Donnelly

Education: Bachelor of Science degree in structural engineering, Northeastern University, 1968; Master of Science in engineering mechanics, Columbia University, 1970; Graduate School of Engineering, McGill University; Bachelor of Architecture degree, Boston Architectural Center, 1978.

University position: Rebecca and John Voyles Chair in the School of Architecture

Web site: www.arch.wustl.edu/donnelly

an architect and as an engineer, is uniquely qualified to make. Over the last decade, he has developed an international reputation for exploring the relationship between architectural expression and emerging technologies.

'A double life'

Donnelly was born and raised in Boston, the son of an engineer. Though his father died while he was still young, Donnelly recalls one strikingly prophetic observation.

"My father always told me that I was an architect because I was constantly making things — boats, treehouses, tunnels, you name it," Donnelly said. "At the time, though, I didn't really know what architecture was. I guess I thought it was engineering."

And so Donnelly set out to become an engineer, earning a Bachelor of Science degree in structural engineering from Northeastern University in 1968 and a Master of Science in engineering mechanics from Columbia University in 1970. At Columbia, however, he also developed an interest in art, creating large-scale paintings influenced by abstract expressionists like Mark Rothko and Kenneth Noland.

"I had a double life," Donnelly jokes. "By day I was studying engineering mechanics; at night all my friends were artists."

Donnelly's "eureka!" moment, as it were, occurred one morning as he walked past Columbia's Avery Hall, home to its School of Architecture.

"A light bulb just went off in my head," he said with a smile. "It suddenly dawned on me that I was in the wrong arena — that what I was, was an architect."

Donnelly enrolled in the School of Architecture at the Boston Architectural Center, supporting himself as a consulting structural engineer with Paul Weidlinger and Mario Salvadori, his professor and mentor at Columbia. Shortly after receiving his professional degree in architecture, he became co-founder and principal of The Associated Architects, and later founded his own practice, Paul J. Donnelly Architects and Engineers.

Over time he served as a consultant with several large Boston-based firms and taught at both the Massachusetts Institute of Technology and Roger Williams University in Rhode Island.

Donnelly's engineering background remained integral to his work, particularly in his energy conservation, membrane technology, air structures, robotics and technology integration research. In 1994, for example, Donnelly's speculations on the potential of fiberglass membranes (a sort of banana-shaped pod that may one day become a basic unit of construction) made him the only American to receive an award in the Membrane Design Competition in Tokyo.

In 1996, he and collaborator Andrew Scott of MIT won a First Prize citation in the prestigious "Building Integrated Photovoltaics Competition," sponsored by the American Institute of Architects Research Foundation and U.S. Department of Energy. Their design, for a hypothetical sports museum, combined a clever system of natural ventilation with a dramatic free-floating solar roof to create a building so energy efficient that analysis showed it would generate a net power surplus. The design was subsequently displayed at several venues around the country, including the Cooper Hewitt National Design Museum in New York.

Need for aesthetic integrity

In his built work, Donnelly reveals a similar concern for the interplay of technology and aesthetic expression. Last year, for instance, he completed a \$6 million project for the Family Services of Greater Boston Headquarters, renovating and creating a new addition to a

century-old mill/brewery. The key to the redevelopment, he said, was maintaining and reinforcing the original building's character while integrating contemporary construction practices and materials.

"People enjoy these old buildings for their honesty and integrity," Donnelly said. "You know that the façade is picking up the interior framing, you know it's multi-wythe because you see the headers of the bricks. It's a building in the most fundamental sense of piling one thing on top of another. It's not a picture of something else."

Any new construction, he explained, would have to display a similar aesthetic integrity. Thus, while Donnelly's addition also features a brick façade, it does not reproduce the running bond pattern of traditional masonry, nor does it mimic the look of a load-bearing wall. Instead, Donnelly stacked a thin, 12-inch-by-12-inch brick veneer in a forthright grid formation that gracefully "peels back" at the wall's edge to reveal the underlying steel-and-concrete framing.

"Fundamentally, this is what I've done for as long as I've studied architecture — explore the nature of building materials and systems and try to engage them in architecturally poetic ways," Donnelly said. "I'm not going to pretend that this building here is like that building there, given the fundamental differences in their tectonic characteristics."

Polish and ambition

Any given midnight finds cars still parked two rows deep around Givens Hall, home of the School of Architecture. But Donnelly, who heads the graduate program and faculty committees on technology and curriculum in addition to his own teaching duties, makes no apology for the school's famously demanding work ethic.

"You develop confidence through hard work, there's no other way around it," he said. "But a funny thing happens as students become more accomplished. You notice that suddenly they're walking around the building a little differently. They've developed a belief in the

process and in their own abilities. They know what it takes to do something."

Donnelly's courses on Building Systems I and II drill students in the basic underpinnings of structure, enclosure, climate and lighting. His Technology-Transfer seminar examines the often fascinating, if highly speculative, architectural potentials of cutting edge developments in other fields, from the auto and aerospace industries to the latest in fractal robotics.

Donnelly's design studios help students apply these lessons to real-world situations, creating detailed proposals for actual construction projects, from the Danforth Plant Science Center and Lambert International Airport in St. Louis to Logan Airport in Boston.

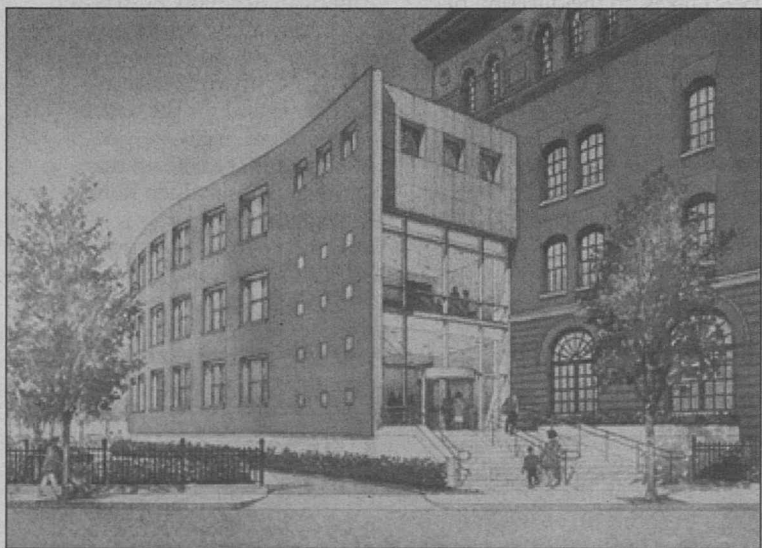
Last fall, Donnelly led a studio hypothesizing a new downtown mixed-use high-rise called The Gateway Tower, to be situated just northwest of the Gateway Arch. Students were given the client (an international e-commerce organization) and a few parameters — that the building be energy efficient, that it incorporate advanced technologies and provide its inhabitants with a maximum of natural light and ventilation. Most importantly, the overall design should symbolize the re-emergence of downtown St. Louis as a national and international hub for finance and commerce.

The final projects, on display in Givens Hall, reveal impressive polish and ambition. The striking, asymmetrical geometry of graduate student Joseph Vodicka's proposal, for example, is dramatically played against a sweeping wall of glass, while fellow graduate student Zhang Ling's elegant sheaf-like conception seems to double back upon itself like folded paper.

"I thought this project created an opportunity to provoke thought both on campus and on the part of civic leaders," Donnelly said, noting the current boom in downtown redevelopment. "I don't think there are students anywhere else in the world who are doing quite this level of work."

Yet along with confidence and technique, Donnelly also seeks to instill a sense of the architect's larger responsibilities, and even a certain degree of, well, humility.

"Ultimately, architecture is a social art, and the architect becomes a custodian of the public realm," he said. "I also believe that it is our fundamental responsibility to build a world that honestly reflects our time, culture and history."



For the Family Services of Greater Boston Headquarters, Donnelly created a contemporary addition to compliment a renovated mill building. The \$6 million project opened last year.